

Amendments to the claims

No amendments are made herein to the claims. This listing of claims will replace all prior versions and listings of claims in the application.

95. (previously presented) A chimeric receptor protein comprising a single polypeptide chain of amino acids, said protein comprising an amino acid sequence according to SEQ ID NO: 13 or conservative variants thereof and said protein having a C-terminal intracellular domain encoded by nucleotides 1343-1384 of SEQ ID NO: 4 replaced with a sequence of amino acids of at least 40 amino acids in length derived from a corresponding C-terminal intracellular domain of an NPY1 receptor protein, wherein said receptor protein exhibits an NPY5 receptor functional response and mediates signal transduction via a G-protein system.

96. (previously presented) A receptor protein according to claim 95, wherein the NPY1 receptor is a human NPY1 receptor.

97. (previously presented) A chimeric receptor protein according to claim 95, wherein said NPY1 C-terminal intracellular domain is encoded by nucleotides 1178-1351 of SEQ ID NO: 1.

98. (previously presented) A chimeric receptor protein according to claim 95 comprising the amino acid sequence of SEQ ID NO: 9.